

ANALYTES DETECTED IN BACKHOE TRENCH SOIL SAMPLES^c

| Chemical Name ^b | Method B Screening Value | BT1-1 (mg/kg) | BT2-1 (mg/kg) | BT3-1 (mg/kg) |
|----------------------------|--------------------------|------------------|------------------|------------------|
| | (mg/kg) | | | |
| ALUMINUM | 80000.00 | 2360 | 6420 | 4720 |
| ARSENIC | 7.00 | 9.8 | 10 | 11.4 |
| BARIUM | 5600.00 | 27.6 | 124 | 50.6 |
| BERYLLIUM | 0.23 | 0.6 | 0.8 | 0.8 |
| CALCIUM | | 1210 | 1430 | 1060 |
| CHROMIUM | 400.00 | 18 | 21 | 16 |
| COBALT | 4800.00 | 9.2 | 16.8 | 21.1 |
| COPPER | 2960.00 | 10.4 | 40 | 38.5 |
| IRON | | 28100 | 34000 | 29400 |
| LEAD | 250.00 | 5.6 | 9 | 10 |
| MAGNESIUM | | 2420 | 1080 | 858 |
| MANGANESE | 11200.00 | 539 | 1020 | 456 |
| MERCURY | 24.00 | ND | 0.09 | 0.12 |
| NICKEL | 1600.00 | 17 | 39 | 32 |
| POTASSIUM | | 570 | 1210 | 1090 |
| SILVER | 400.00 | ND | 1 | ND |
| SODIUM | | 49 | 45 | 39 |
| THALLIUM | 5.60 | ND | ND | 0.3 |
| VANADIUM | 560.00 | 38.8 | 44.3 | 31.3 |
| ZINC | 24000.00 | 43.5 | 68.4 | 91.9 |

ND - Not Detected

Shading indicates exceedance of the screening value. Exceedance of a screening value does not necessarily indicate a significant risk or health hazard, only the need to retain the compound for further evaluation.

^aMinimum Method B value shown in Table 4-5.

^bSome anionic compounds (fluoride, chloride, etc.) were also detected in soil, but the concentrations were several orders of magnitude or more less than the Method B levels.

^cSample locations shown in Figure 2-5.